

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: LEE, Yeon-su  
Serial No.: 10/663,857  
Conf. No.: 4107  
Filed: September 15, 2003  
Title: VARIANT OF *HNF-1a* GENE HAVING NEW SINGLE NUCLEOTIDE  
POLYMORPHISM AND VARIANT OF PROTEIN ENCODED BY THE SAME  
Examiner: Angela Marie Bertagna  
Art Unit: 1637  
Docket No: YPL-0064

**VIA EFS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AFTER-FINAL AMENDMENT AND RESPONSE**

This Amendment and Response is submitted in response to the final Office Action dated November 27, 2006.

This response has the following sections:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.